Evita 4
Technical Service Bulletin # 14

Re: **Sporadic alarm "Mixer inop"**

Update: May 22, 2000

Reference Doc: IDM no. 14 / 03.97

Reason: It has been reported that, shortly after shipment of the Evita 4, the "Mixer inop" alarm activated sporadically in some units. When the unit is switched off and then back on again the mixer functions properly. The 12 MHz quartz oscillator on the HPSV Controller PCBs stops sporadically during operation.

Solution: Replace HPSV Controller PCB P/N 83 06 561 (2 pieces / unit).

Devices affected: Evita 4 shipped prior to March 1997.

This symptom is no longer present with quartz oscillators:

- not labeled with "CXO-14C", or
- with new CXO oscillators with date of manufacture 7A or 9704 (= Jan. 1997) or later:

CXO-14C 12.000MHz • ETX 7A	or	CXO-14C 12.000MHz • ETX 9704

Evita 4 units with the following serial numbers are fitted with **new** quartz oscillators on the HPSV Controller PCBs:
ARKL-0050, ARKM-0106, ARKN-0004, ARKN-0011, ARKN-0014, ARKN-0015, ARKN-0017 through ARKN-0021, ARKN-0023, ARLA-0001 through ARLA-0021, ARLA-0023 through ARLA-0051, ARLA-0053 through ARLA-0115, ARLB-0033, ARLB-0036, ARLB-0038, as from ARLC-0001 all Evita 4.

When: In case of "Mixer inop" alarm caused by faulty quartz oscillators on the HPSV Controller PCBs.

Additional Info: As of software version 2.21 the following device error codes are stored in the device error list:
11.01.015 for HPSV Controller PCB Air side, and
12.01.015 for HPSV Controller PCB O_2 side.

Cost: Covered by Customer post warranty.

Ordering Info: Two PCBs are required for each unit:

HPSV Controller PCB (new)	P/N 83 06 561
Service Exchange HPSV Controller PCB	P/N 83 06 563

Distribution: Dräger Service Personnel and Authorized Service Organizations for CCS products.

If you have any questions, please contact Technical Support by phone at 1-800-543-5047 or by fax at 1-215-721-5789

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